

LB-1500

General Dewatering Pump

LB-Series High-Head Type Pump Fits into an 8" Casing



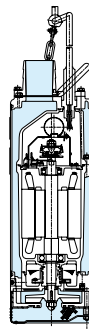
Individual Features

Flow-Thru Design

An excellent cooling effect for the motor can be achieved at low water levels. The top discharge port enables the pump to be installed in narrow locations.

Internal Starting Capacitor

A starting capacitor is built into the pump, despite of the high-performance motor.



Slimline Models

The pump has the overall dimension of 187 mm and can fit in a 200-mm (8") casing, making it suitable for dewatering wells.

Simple Structure

The pump section can be disassembled and reassembled using a single 13-mm box wrench.

Major Standard Specifications

| | | | |
|----------------|------------------------------|---|--|
| Discharge Bore | | mm | 50(80) |
| Motor Output | | kW | 1.5 |
| Pumping Fluid | Type of Fluid | Rain, Spring, Ground, Sand Carrying Water | |
| | Fluid Temperature | 0 to 40°C | |
| Pump | Structure | Impeller | Semi-open |
| | | Shaft Seal | Double Mechanical Seal (with Oil Lifter) |
| | | Bearing | Double-shielded Ball Bearing |
| | Materials | Impeller | High-chromium Cast Iron |
| | | Casing | Synthetic Rubber |
| Outer Cover | | Carbon Steel | |
| Shaft Seal | Silicon Carbide | | |
| Motor | Type, Pole | | Dry Type Submersible Induction Motor, 2-pole |
| | Insulation | | Class B |
| | Phase/Voltage | | Single-phase/ 110V, 220V, 230V, 240V |
| | Starting Method | | Capacitor Start |
| | Protection Device (Built-in) | | Circle Thermal Protector |
| | Lubricant | | Turbine Oil (ISO VG32) |
| | Materials | Frame | Aluminium Alloy Die-casting |
| Shaft | | 403 Stainless Steel | |
| Cable | | Chloroprene Rubber | |

● Three-phase model available upon request

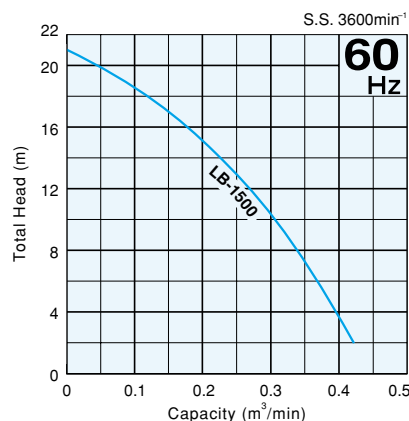
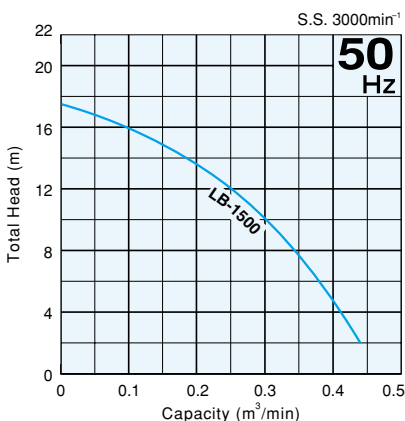
Applications

Draining at civil engineering and building sites
 Draining storm water, groundwater, or puddles
 Draining from basements or utility pits
 Draining water from dewatering wells

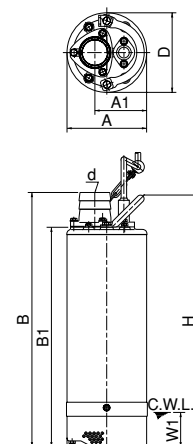
Standard Accessories

- Hose Coupling.....1pc.
- Hose Band.....1pc.

Performance Curves



Dimensions



C.W.L. : Continuous Running Water Level

Standard Specifications 50/60Hz

| Discharge Bore mm | Model | Motor Output kW | Phase | Starting Method | Dry Weight kgs | Cable Length m | Dimensions mm | | | | | | C.W.L. mm | |
|----------------------|---------|--------------------|--------|-----------------|-------------------|-------------------|------------------|-----|-----|-----|-----|-----|--------------|----|
| | | | | | | | d | A | A1 | B | B1 | D | | H |
| 50(80) | LB-1500 | 1.5 | Single | Capacitor Start | 33 | 10 | 50 | 187 | 122 | 600 | 518 | 187 | 593 | 80 |

● 80 mm discharge available upon request ● Dry weight excluding cable